Chanon Warisarn

List of Publications by Year
in descending order

12	67	1684188 5	1588992 8
papers	citations	h-index	g-index

12	12	12	26
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Iterative Two-Head Two-Track Detection Method for Staggered Bit-Patterned Magnetic Recording Systems. IEEE Transactions on Magnetics, 2019, 55, 1-7.	2.1	12
2	Improvement in Bit Error Rate With a Combination of a Rate-3/4 Modulation Code andâ€‰Intertrackâ€‰Interferenceâ€‰Subtractionâ€‰forâ€‰Array-Reader-Basedâ€‰Magneticâ€‰Recording. IEEE Magnetics Letters, 2019, 10, 1-5.	1.1	11
3	Reduced Complexity Multi-Track Joint Detector for Sidetrack Data Estimation in High Areal Density BPMR. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	8
4	Mitigating the Effects of Track Mis-Registration in Single-Reader/Two-Track Reading BPMR Systems. IEEE Transactions on Magnetics, 2019, 55, 1-6.	2.1	8
5	Long-Short Term Memory-Based Application on Adaptive Cross-Platform Decoder for Bit Patterned Magnetic Recording. IEEE Access, 2020, 8, 155248-155259.	4.2	7
6	Constrained codes in single-reader/two-track reading bit-patterned magnetic recording. AIP Advances, 2021, 11, 015009.	1.3	4
7	A simple skew angle detection and suppression method for bit-patterned magnetic recording. AIP Advances, 2021, 11, .	1.3	4
8	Mitigation of TMR Using Energy Ratio and Bit-Flipping Techniques in Multitrack Multihead BPMR Systems. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	3
9	Soft-information flipper based on long-short term memory networks for ultra-high density magnetic recording. AIP Advances, 2021, 11, .	1.3	3
10	Modified Multitrack Joint Two-Dimensional Viterbi Detectors for Rate-4/5 and Rate-5/6 Modulation Codes in Bit-Patterned Magnetic Recording Systems. IEEE Magnetics Letters, 2020, 11, 1-5.	1.1	3
11	Optimal Array-Reader and Track Misregistration Mitigation Method in a Three-Reader/Four-Track Reading Bit-Patterned Magnetic Recording System. IEEE Magnetics Letters, 2020, 11, 1-5.	1.1	2
12	Soft-information flipping scheme based on a priori LLRs summation for ultra-high density magnetic recording. AIP Advances, 2020, 10, 025217.	1.3	2